

U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE: 21 December 2004 (21.12.2004)
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (if known): Not Yet Assigned 107510508
INTERNATIONAL APPLICATION NO.: PCT/IE2003/000047	INTERNATIONAL FILING DATE: 25 March 2003 (25.03.2003)	PRIORITY DATE CLAIMED: 24 June 2002 (24.06.2002) IE
TITLE OF INVENTION: RESIDUAL CURRENT DETECTION CIRCUIT		
APPLICANT(S) FOR DO/EO/US: WARD, Patrick		
Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 USC 371(f)) The submission must include items(5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31)</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):</p> <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) <p>6. <input type="checkbox"/> A English translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
ITEMS 11 to 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment.</p> <p>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4)</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4)</p> <p>20. <input checked="" type="checkbox"/> Other items or information: TRANSMITTAL FORM UNDER 371; FEE CALCULATION; INTERNATIONAL PUBLICATION WO 2004/001924 A1 WITH INTERNATIONAL PUBLICATION DATE 31 DECEMBER 2003 (31.12.2003) AND INTERNATIONAL SEARCH REPORT WHICH CONSISTS OF 21 PAGES INCLUDING 2 PAGES OF COVER SHEET CONTAINING THE ABSTRACT, 10 PAGES TEXTUAL SPECIFICATION, 3 PAGES OF 9 CLAIMS; 6 SHEETS DRAWINGS; PRELIMINARY AMENDMENT WITH ATTACHMENT A TO BE EXAMINED; EXECUTED INVENTOR'S DECLARATION; ASSIGNMENT AND RECORDATION COVER SHEET.</p>		

U.S. APPLICATION NO. (if known) not yet assigned 10/518508	INTERNATIONAL APPLICATION NO. PCT/IE2003/000047	DATE: <u>21</u> December 2004 (11.12.2004)	
21. <input checked="" type="checkbox"/> The following fees are submitted: Basic National Fee (37 CFR 1.492(a)(1)-(5): For Basic National Stage Fee, Search Fee, and Examination Fee:.....\$1,000.00 To reflect new fees in effect December 8, 2004		<u>CALCULATIONS</u>	<u>PTO USE ONLY</u>
		\$1,000.00	
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$1,000.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <u>20</u> <u>30</u> months from the earliest claimed priority date (37 CFR 1.492(e)).		\$ 0.00	
CLAIMS	NO. FILED	NO. EXTRA	RATE
TOTAL	<u>9</u> -20=	0	X \$ 50.00
INDEPENDENT	<u>2</u> - 3=	0	X \$ 200.00
Multiple dependent claims(s) (if applicable)		+ \$300.00	\$ 0.00
TOTAL OF ABOVE CALCULATIONS =		\$ 1,000.00	
Reduction by 2 for asserting small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).		\$ 500.00	
SUBTOTAL =		\$ 500.00	
Petition Under 37 CFR 1.137(b) with petition fee as set forth in § 1.17(m) small entity		\$ 0.00	
Processing fee of \$130.00 for furnishing the English translation later than <u>20</u> <u>30</u> months from the earliest claimed priority date (37 CFR 1.492(f)). +		\$ 0.00	
TOTAL NATIONAL FEE =		\$ 500.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		\$ 40.00	
TOTAL FEES ENCLOSED =		\$ 540.00	
		Amount to be: refunded charged	\$ \$

U.S. APPLICATION NO.
(if known) not yet assigned

INTERNATIONAL APPLICATION NO.

DATE: 21 December 2004 (21.12.2004)

PCT/IE2003/000047

10/518508

a. Two checks in the amounts of \$ 500.00 and \$ 40.00 to cover the above fees are enclosed.

b. Please charge my Deposit Account No. 14-0112 in the amount of \$ _____ to cover the above fees. (A duplicate copy of this sheet is enclosed.)

c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0112.

d. Fees are to be charged to a credit card WARNING: Information on this form may become public Credit Card Information should not be included on this form. Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

Send All Correspondence To:

Gary M. Nath
NATH & ASSOCIATES PLLC
1030 15th Street, N.W.
Sixth Floor
Washington, D.C. 20005

(202) 775-8383 (phone)
(202) 775-8396 (fax)

Gary M. Nath
Registration Number 26,965
Jerald L. Meyer
Registration No. 41,194
Customer No. 20529

10/518508
MAIL STOP PCT

Attorney Docket No. 26533U

JT12 Rec'd CT/PTO 21 DEC 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

WARD, Patrick

International Application No. PCT/IE2003/000047

Serial No. NOT YET ASSIGNED

International Filing Date: 25 March 2003 (25.03.2003)

Filed: December 21, 2004

For: **RESIDUAL CURRENT DETECTION CIRCUIT**

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

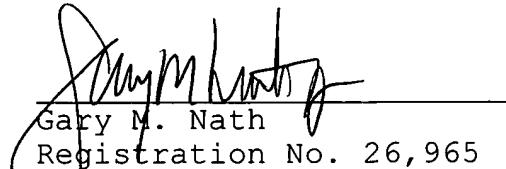
Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

- (1) Transmittal Letter;
- (2) Transmittal Letter To U.S. Designated/Elected Office (DO/EO/US) Concerning Filing under 35 U.S.C. 371
- (3) International Publication No: WO 2004/001924 A1 with International Publication Date: 31 December 2003 (31.12.2003) and International Search Report which consists of 21 pages including:
2 pages of cover sheet containing the Abstract,
10 pages Textual Specification,
3 pages of 9 claims,
6 sheets of Drawings,
- (4) **Preliminary Amendment with Attachment A to be examined;**
- (5) Executed Declaration/Power of Attorney;
- (6) Assignment and Recordation Cover Sheet;
- (7) Check No. 22275 \$ 500.00 for Basic National Stage Fee, Search Fee, and Examination Fee to reflect new fees effective December 8, 2004;
- (8) Check No. 22276 \$ 40.00 for Recordation Fee;
- (9) Postcard for early notification of serial number.

Respectfully submitted,

NATH & ASSOCIATES PLLC

By:


Gary M. Nath
Registration No. 26,965
Jerald L. Meyer
Registration No. 41,194
Customer No. 20529

Date: December 21, 2004

NATH & ASSOCIATES PLLC
1030th 15th Street, NW - 6th Floor
Washington, D.C. 20005
GMN/JLM/ng/PCT.NATLphase.GMN

BEST AVAILABLE COPY